

City of Waterville
DEPARTMENT OF PUBLIC WORKS
6 Wentworth Court
Waterville, Maine 04901-4892

TEL (207) 680-4744 FAX (207) 877-7532

REQUEST FOR BIDS
Heavy Duty 4WD Articulating Front End Loader

DATE: August 22, 2019

INSTRUCTIONS TO BIDDERS

- 1. GENERAL:** The City of Waterville is accepting bids for a **3.5 Yard Front-End Loader** meeting the specifications accompanying this document.
- 2. BID SUBMITTAL:** **Sealed bids** will be accepted by the Office of the Director of Public Works, 6 Wentworth Court, Waterville, Maine 04901 up to and including 10:00 A.M. local time on Tuesday, September 24th, 2019 at which time they will be publicly opened and read. All bids will be placed in a sealed envelope clearly marked "**Bid – 3.5 Yard Front-End Loader** " in the center with the bidder's name and address in the upper left-hand corner. Bids not dated and time stamped by the Office of the Director of Public Works prior to the specified date and time stated above will be returned unopened.
- 3. WITHDRAWAL OR REVISION OF BID:** A bidder may withdraw or revise a bid after it has been received by the Office of the Director of Public Works, provided the request is made in writing or in person before the time set for bid opening.
- 4. BID AWARD:** Bid award, if the City determines to award, will be made within thirty (30) calendar days after bid opening, to the lowest responsible bidder whose bid fully complies with the requirements specified contingent upon approval by the City Council. The City reserves the right to reject any and/or all bids without absorbing any liability against the City.
- 5. Evaluation of Bids:** For purposes of evaluating the bids, in the event of any discrepancies on a proposal between an amount written out in words verses the same amount expressed in numbers, the amount written in words shall govern (if applicable). Similarly, unit prices shall prevail over extended totals. In the event of Additive Bid Items, the "low bid" shall be based upon the least total for the highest combination of Bid items which may be awarded within the Control Amount (i.e. a predetermined budget amount to be disclosed at the time of bid opening). In the event that all Base Bids exceed

The Control Amount, the "low bid" shall be based solely upon the lowest Base Bid submitted. Bidders shall examine and familiarize themselves with the Specifications and Bid Documents. The bidder shall in no way be relieved of any obligation to provide the product, service and/or equipment specified through error, mistake or omission.

6. INTERPRETATION OF ADDENDA: It shall be the bidder's responsibility to make inquiry as to any interpretation of the specifications or requirements of the participants. Any changes in the specifications shall be by written addenda.

7. SPECIFIED QUANTITY: One (1) Unit

8. INVOICES AND PAYMENT: Invoices shall be transmitted to the City of Waterville, 1 Common Street, Waterville, Maine 04901-6699. It is the practice of the City of Waterville to pay invoices within thirty (30) days of receipt. The City is exempt from State of Maine Sales Tax.

9. PENALTY CLAUSE: N/A

10. INSURANCE: N/A

11. PERFORMANCE BOND: N/A

12. CANCELLATION: The City reserves the right to cancel any unfulfilled portion of the Contract if, in the opinion of the City, the services or materials supplied are unsatisfactory or are not in compliance with the terms and conditions of the Specifications. Cancellation shall be effective following ten (10) calendar days written notice to the Bidder

13. EXCEPTIONS TO SPECIFICATIONS: These instructions to Bidders and General Paragraphs are an integral part of the Specifications for a **3.5 Yard Front-End Loader** and will be binding on the Bidder. Bidders are advised that they shall be bound to the requirements of the Specifications, Instructions to Bidders and General Paragraphs unless exceptions are otherwise clearly noted in the Proposal. Any exceptions shall be considered, however, in determining the most acceptable proposal.

14. INQUIRIES: Any questions concerning this bid request should be directed to Fred Dechaine, Central Garage Forman, Department of Public Works, 6 Wentworth Court, Waterville, Maine 04901. Telephone inquiries can be made by calling (207) 680-4746 between the hours of 7:00 AM & 3:00 PM Monday thru Friday.

15. GENERAL PARAGRAPHS: See attached **Bid Specifications**.

**City of Waterville
Department of Public Works
BID SPECIFICATIONS
3.5 Yard 4WD Articulating Front End Loader**

GENERAL

The following specifications describe a standard, new 2020 Model 3.5 Yard 30 – 40,000 lb. front-end loader. The information contained herein is intended to provide a general list of standard and optional features and equipment. ***This unit will additionally be outfitted with a front mounted two-stage snowblower and boom flail mower.***

All equipment furnished under this contract shall be new, unused and the same as the manufacturer's most current production model. Accessories not specifically mentioned herein, but necessary to furnish a complete unit ready for use, shall be all-inclusive. The unit shall conform to the highest quality standards in overall design, quality of workmanship and materials. All assemblies, sub-assemblies and component parts shall be standard and interchangeable throughout the entire quantity of units as is specified in these bid specifications.

For comparative purposes, the following models are examples and are not intended to be all inclusive:

Case 621G
Caterpillar 938M
Doosan DL300
Hyundai HL955
JCB 437
John Deere 624K
Komatsu WA320
Volvo L90H

Power Train:

Engine: minimum Heavy Duty 6-cylinder turbo diesel –180 SAE Net HP. Cold weather starting package.

Engine must meet or exceed all EPA and DEP fuel requirements.

Exhaust emission and noise level shall comply with all applicable Federal, State of Maine and EPA Standards (Tier 3).

Transmission: 4 forward – 3 reverse

Brakes: Hydraulic wet disc self adjusting, self equalizing (all four wheels) mounted in-board.

Controls: single lever to control all boom functions, dump with automatic return to dig and float positions. Automatic boom height control.

Steering: Double acting, Dual cylinder articulated steering (approximately 40 degrees in each direction)

Turning Radius: maximum 18'

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Planetary Drives: in board mounted

Tires: 20.5-25 radial front and rear steel belted Michelins or Equal
Non directional tread design
Rear Tires shall be weighted with calcium
Spare Wheel & Tire

BUCKET: 3.5 cu. yard general purpose with bolt on shanks and teeth and bolt on cutting edge. Must have American coupler system, quick self-aligning, single point pickup with hydraulic shift pins. Spare set of edges and bolts.
Pro Series 2000 Model # 40880 or equivalent.

VEHICLE INTERIOR

Fully enclosed ROP's Cab with:

- Air conditioning
- Air suspension high back armchair seat (heated)
- Audio System: AM/FM radio
- Cab Insulation
- Convenience Equipment: Adjustable Tilt Steering Wheel
- Heater & Defroster
- Full Instrument Cluster
- Lighting
- Mirrors (Inside & Out)
- Power Outlets
- Sunshades

VEHICLE EXTERIOR

- Complete lighting package to include 2 front & 2 rear mounted LED-working lights. Also, 2 roof mounted strobe-warning lights
- Rear tow hitch
- Front & rear bottom guards & side transmission guards
- External engine oil coolant system (in addition to any standard cooler)
- Intermittent wipers
- Rear window wipers
- F&R tandems
- Front Fenders
- Rear Platform

SAFETY & SECURITY FEATURES

- Seat Belts
- Fire extinguisher

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OTHER EQUIPMENT

Ride control system
Fuel Capacity: minimum 85 gal
Coolant filter
Alternator: 80 AMP minimum
Battery: Two (2) 12 volt 950 CCA minimum
Differentials: Conventional front & rear – standard hydraulic locking front
Turbo II pre-cleaner on intake
Sight gauges for hydraulic fluid levels
Ignition key lock
Back up alarm
24-12V Conversion – Too operate 2-way Radio
Counter weights to match weight of attachment
Filters – Air, Fuel, Oil, Hyd, Coolant, and External Transmission for Stock

Loader Plow / Wing Attachment

The intent of this specification is to install Plow / Wing Patrol Package equipment and hydraulics on the new front-end loader that will be compatible with newly purchased plow and wing assembly that is scheduled to be outfitted on a 2003 JD 644K.

Plow System:

American coupler system, self-aligning, single point pick-up with hydraulic shift pins.

Wing System:

Front and rear wing posts to be Frink /American® PS4-20 Hi Lift Patrol Loader Package, or equivalent, with 24" Shelving capacity. Slide, cylinder, mounting hardware for severe use application. Pin points on slide must be able to accommodate Frink® wing braces and lift cylinder from existing unit.

Hydraulic System:

- 1) Gresen V20 Valves, 3 Sections, Cable-craft Cables, Hose and Fittings, Front Wing, Rear Wing and Shelving Functions.
- 2) Quadco Control Levers (3) Mounted in cab of loader
- 3) Tied to Loader Hydraulic system

MANUALS: OWNERS, OPERATORS & MAINTENANCE / SERVICE – ETC.

(**Note: Any exceptions to this bid must be noted on a separate sheet)

WARRANTY: Factory Standard. Optional Extended Warranty Package (Please Describe)

BID FORM

DATE: _____

To the Director of Public Works for the City of Waterville, Maine:

Please accept this bid submission from

(Hereinafter called "Bidder"), a corporation* organized under the laws of the
State of _____ or a partnership/individual** doing business as
_____.

This bid is being submitted for a **3.5 Yard Front End Loader** in compliance with your invitation for bids, having examined the specifications and conditions contained therein. Alternatives/Substitutions are as follows:

(Attach Additional Comments, As Necessary)

The Bidder proposes to supply the following:

Bid Option #1: Front End Loader \$ _____

Trade-In Allowance:

Two (2) 1978 SMI 5250 Snowblower Trucks \$ _____

Extended Warranty: Provide Description Summary

36 month / 3000 hr Power train & Hydraulic warranty \$ _____

48 month / 4000 hr Power train & Hydraulic warranty \$ _____

60 month / 5000 hr Power train & Hydraulic warranty \$ _____

**Delivery Guaranteed within _____ days of contract award and not beyond sixty 60 days of contract award.

NAME OF BIDDER: _____

BY: _____
(Signature)

NAME AND TITLE: _____

ADDRESS: _____

TELEPHONE: _____ TAX ID# _____

* Affix seal if by Corporation

**Cross out word/phrases that do not apply